-0006

Document Information Form

Mine Number: C/007/021

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: N/A

Explanation:

Blazon #1 Route for Comments

cc:

File in:
C/007/021, 1979, **Internal**
Refer to:
- ❑ **Confidential**
- ❑ **Shelf**
- ❑ **Expandable**

Date _____ For additional information

ACT/007/021

BLAZON #1
Route for Comments

Finish basic Review by 6/4.

KMT 4/26

Preliminary Review only

P. 3 - letter - Publication should be also in SL papers

I-3 · Is there any record of mine water production of Clear Creek 1 & 2 Mines?

I-6,7 If Blazon plans to mine through faults & subsided blocks what are they going to do with rock waste & is significant water expected to be encountered?

I-11 - Complete chemical analysis will be required for the discharge from the Clear Creek #2 mine; to be taken within the mine. The water probable comes from a fault that extends up into the upper seam. This discharge must also be included in Blazon's GW mon. plan - both flow & quality.

I-11 all surface flows within the area of influence of mining (<0 of draw) must be monitored.

I-13 Are there any water rights for the area. This must be researched & documented. If there is any possibility of mining affecting the perennial streams, the water rights must be researched & documented. What is their proposed alternative water source?

I-14 Is plant list site specific for site specific % composition veg. analysis. reveg. potential?

File in:
- ☐ Confidential
- ☐ Shelf
- ☐ Expandable

Refer to Record No 0006 Date N/A
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I-18 - Site specific info? Again, I doubt it.

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I-11 all surface flows within the area of influence of mining (Lofdraw) must be monitored.

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I-14 Is plant list site specific; I doubt it. Requirement is for site specific veg. composition analysis. What is proof of reveg. potential?

I-18 - Site specific info? Again, I doubt it.

Table I-6 - Page I-19 - where is this sample from?

I-20 - How much use?

I-21 - Will future subsidence of upper seam cause increased flows from Clear Creek mines?

II-3 - A 36 INCH CULVERT WILL PROBABLY BE INSUFFICIENT (90% chance I guess) The culvert should be for no less than 50 yr. flood as determined by a competent hydrologist.

II-4 - They state their culvert designs "should be sufficient" - we need proof of such!

II-4 - Culvert installation should be coordinated with DWR for less impact on fishery.

II-6 WHERE ~~IS~~ ARE THE HYDROLOGIC COMPUTATIONS?

II-7 Pond does not meet design requirements of volume, discharge structures, etc.

II-16 - Buffer zones used to protect the perennial streams must be checked in depth - ie, angle of draw vs. mine depth, etc.

III-1 - Will sealing of mine cause water to back up & "blow out" an area?

III-6 - I need more clarification on backfilling.

III-6 - Sed. ponds cannot be removed until after disturbed area is revegetated.

III-6 & 7 - Culvert removal ~~at~~ time OK'd by DWR - Sed. production impact on spawn.

III-10 - 50 lb/ac ~~of~~ each of about 12 species? Going to have fat squirrels!

III-11 No adverse impact on hydrologic regime statement needs more clarification. This looks like a gut feeling.

III-12 - GW & Surface water monitoring plan is inadequate - Tom can give specifics.

III-14 - More detailed review is needed for subsidence control for per. streams.

Enclosure 6 - culvert spacing appears inadequate. Sed. pond discharge on hillside. Mine ID sign should be at rd. junction. Stockpile (open) does not drain into pond!

General

Will there be any need of a surface disposal site for excess rock from surface fac. construction or mine underground development?

Who does the memo - if any? MAW

Meeting with Joe Harvey + Scott Williams -

Hydrology, Waterquality, Watersupply discussed

~~Vegetation and wildlife studies~~
~~→ recommend site specific data~~

Waste rock - none expected

Subsidence Monitoring - no subsidence expected
→ determination to be made once final application is made.

~~Revegetation → 50 lbs/acre total seed mix.~~

- Precipitation: need to document > or < 26 in/yr
- Vegetation information: need cover, density & diversity measurements, map, part. of the dist. area. (3.2 A)
- Reference area - show location of possible areas + need to match dist areas - give supp. data.
- Wildlife - be more site specific, get info from wildlife (DWR)
- I + M. plan - address mitigating factors
- Reveg - add forbs to mix
  - correct to 50#/A not per species.

MAW

BLAZON #1

6-11-79

— Aerial Photo – not very sharp (pretty useless)

p. I-3 — where did archeological & historical information come from?

p. I-4 — Are two old drill holes indicating 5' + coal seam enough to indicate a feasible economic operation?

p. I-4 to p. I-6 — will faulting be a problem?

Not much exploration work done to prove viability of project? Are they setting up mine for sale?

Not much background information on anything? i.e. hydrology, reserves, coal quality, faulting problems, etc.) a lot of conjecture

p. I-14 No veg survey (% cover by species)

p. I-16 Only general wildlife "survey" (quoted from Final E.S. Huntington Canyon)

p. I-18 Soil survey not adequate must be on-site (not similar area, too much variability) Soil info too general needs to be site specific & comprehensive. map also

p. I-21 If there has been subsidence due to mining lower seam, how has that affected the upper seam? Is it still continuous and intact?

p. II-1 where is the coal processing facility?

p. " road specs & design drawings? drainage?

p. II-2 size of pad?

p. II-3 et al culvert for Mud Cr. 440 ft. long 36" diam. where are specs. & eng. design? for culverts, ditches, ponds.
No soil analysis on pond material

p. II-8 Signs - topsoil, buffer, perimeter?

p. II-9 Cover conveyor & coal trucks!
, II-10 where are processing facilities

p. II-16 Buffer zones on surface, w/ markers, also

p. III-7 How will stabilize stream banks after culvert removal?

p. III - 7 — Topsoil - what kind of grasses on stockpile
complete soil analysis prior to removal
depth of removal & material to be stockpiled determined by results of testing

p. III - 10 - rate of seeding 50 lbs/ac ea sp.?
- trees 35 seedlings /ac
- shrubs 80 starts /ac
- set up test plots as early as possible prior to reclam. submit plans for approval
- species ?
- test plots to determine mulch & fert.

p. III - 12 - Monitoring stations - 3 enough?
- Analyses adequate?
- Monitoring once every two months?
- sample size - 1 gallon - too much
- plastic container not adequate for oil & grease
- records of analysis sent to Division

p. III 14-15 - subsidence plan needed
12 - costs where from?